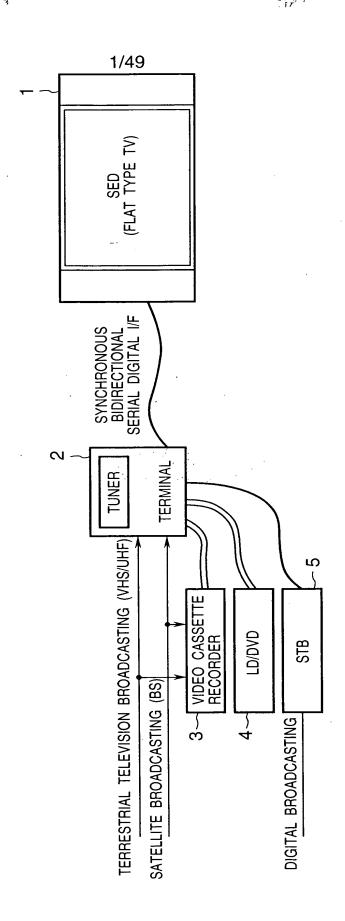
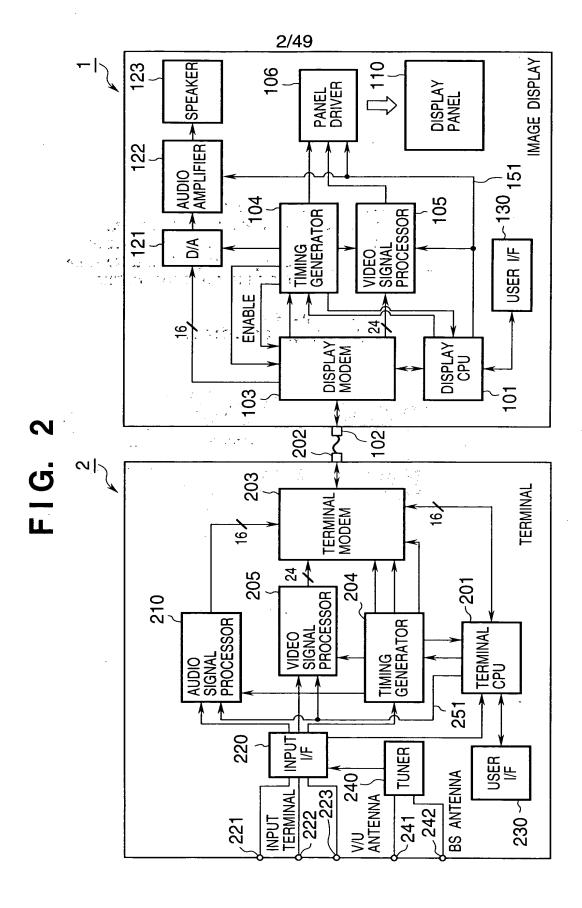
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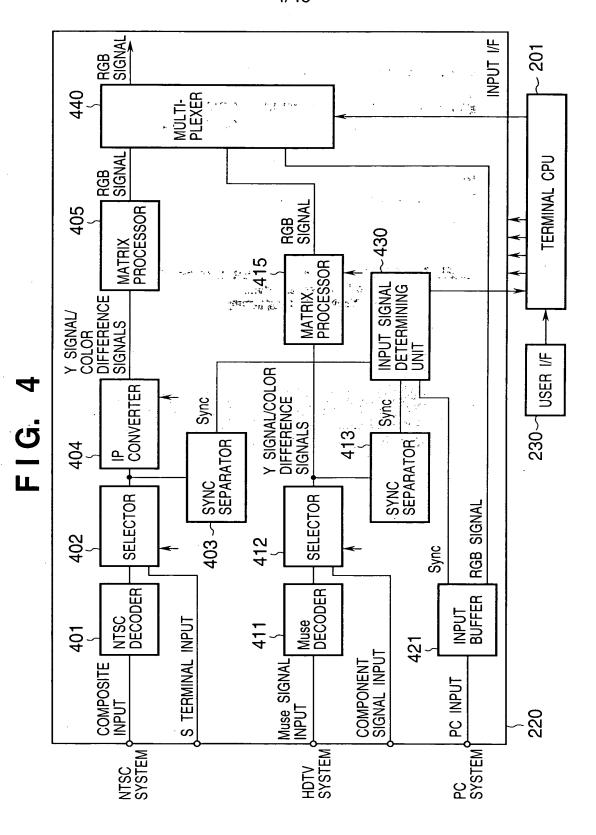


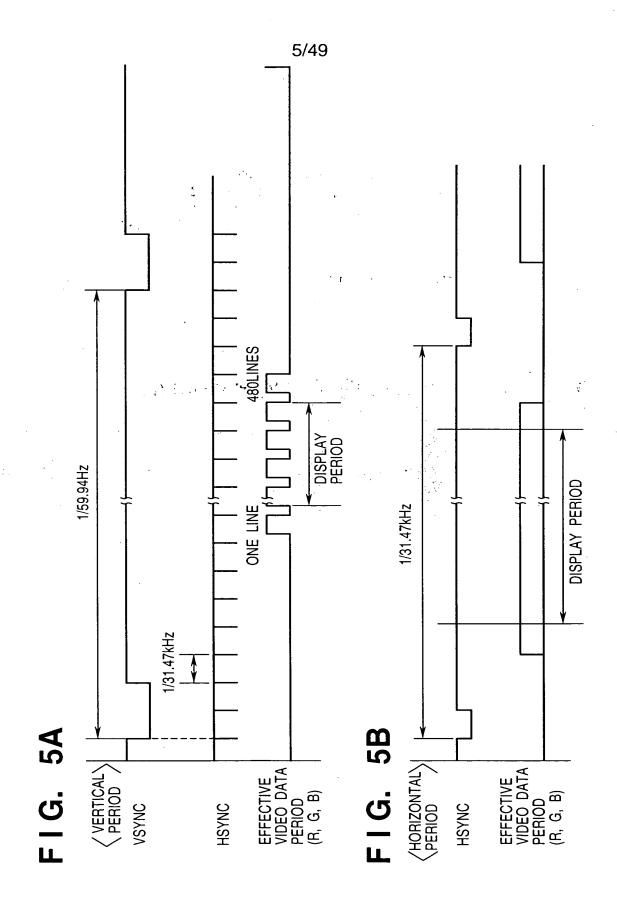
COMMUNI-CATION DIRECTION CONTROL TIMING SYNC -REGEN-RATION DISPLAY CPU command 9 24 DEMULTI PLEXER 101 314 24 9 DISPLAY MODEM 312 313, DEMODU-LATOR MODU-LATOR 311 310 103 203 411 TERMINAL MODEM 320 -TRANSMISSION TIMING RECEPTION TIMING 322 DEMODU-LATOR MODU-LATOR SYNCHRO-NIZATION _ 321 PC LINE 24(16) SAMANAN SAMAN SAMAN SAM 324 9 DATA BUS TERMINAL CPU 323 24 ACOUSTIC --SIGNAL COMMUNI-CATION DIRECTION CONTROL TIMING CONTROL⁻ VIDEO SIGNAL-

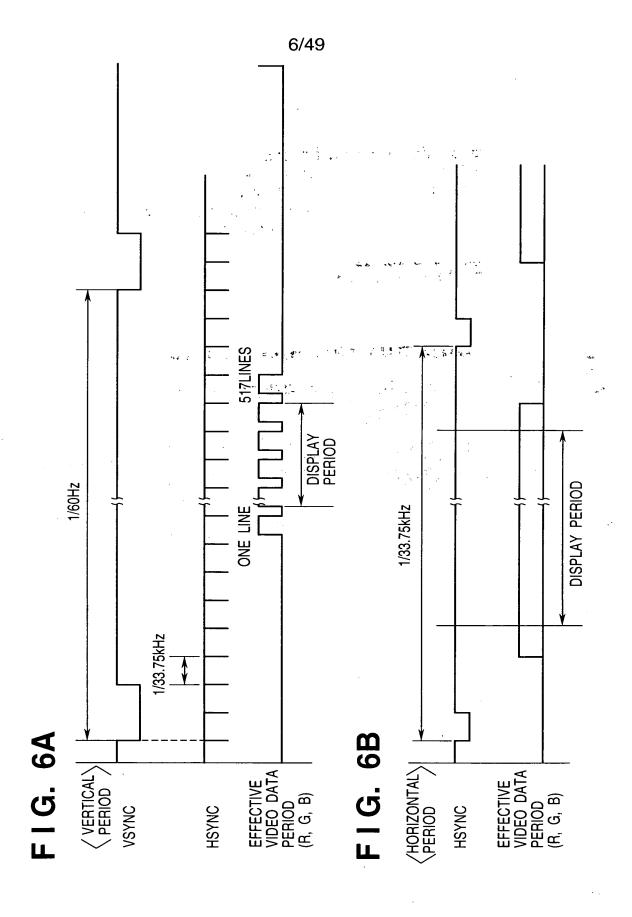
3/49

FIG. 3



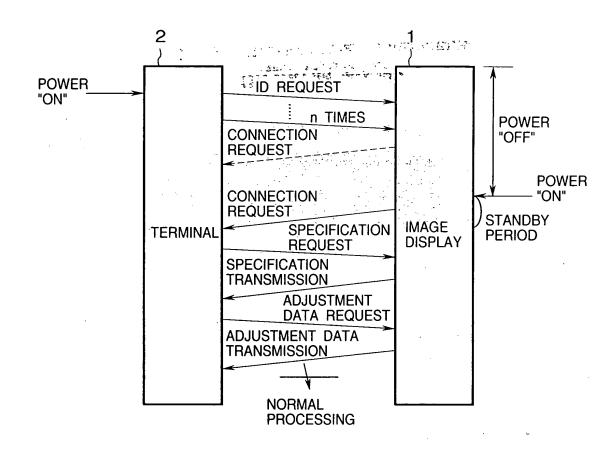


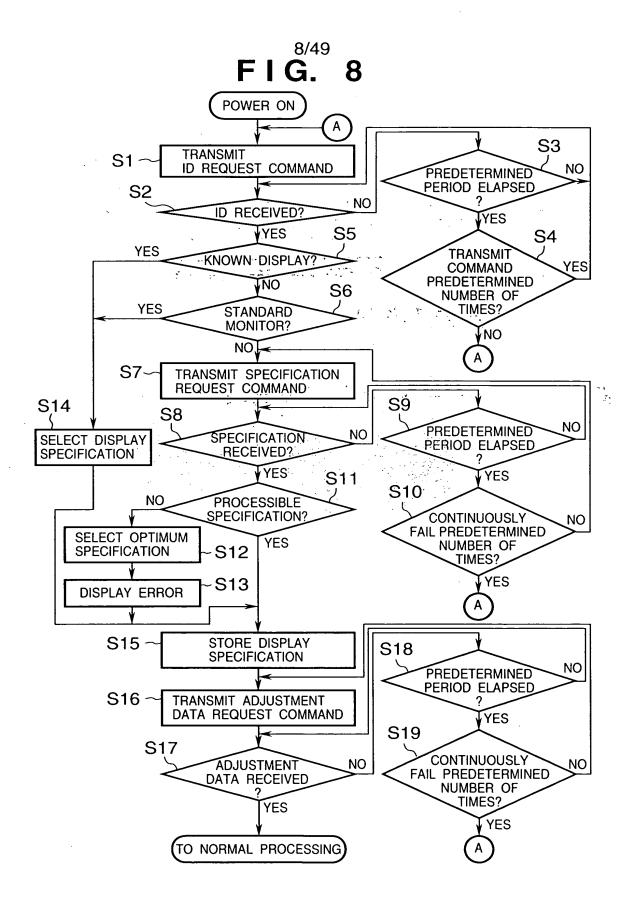




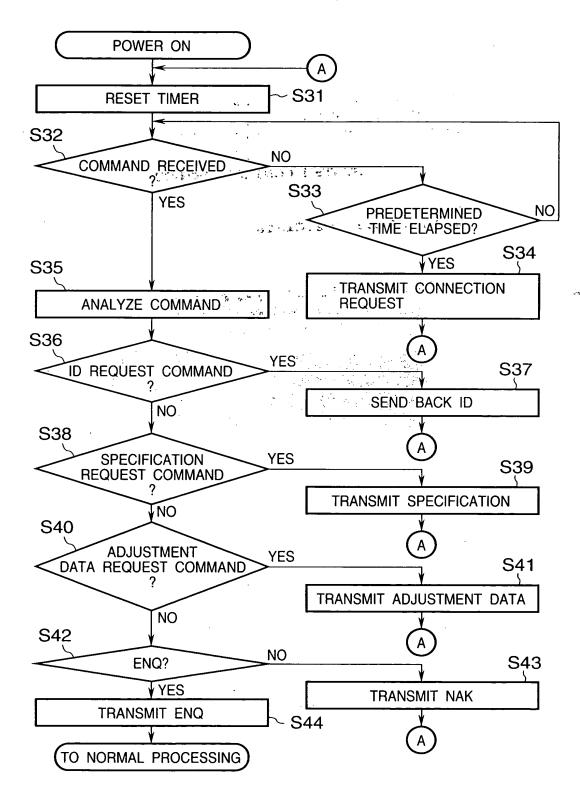
e fili

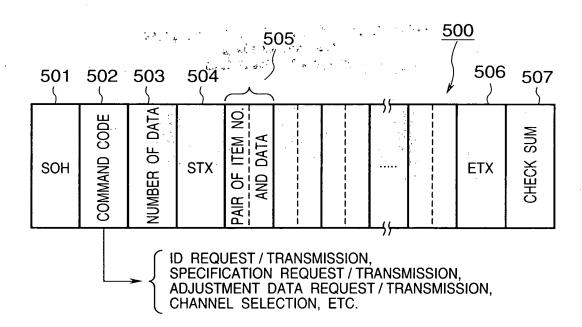
- --



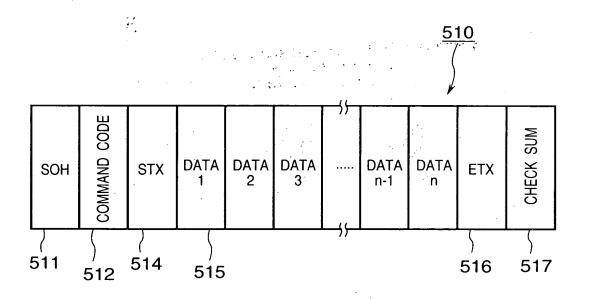


9/49 **FIG. 9**

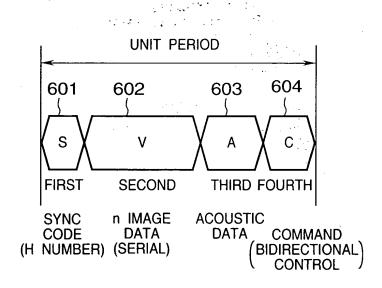


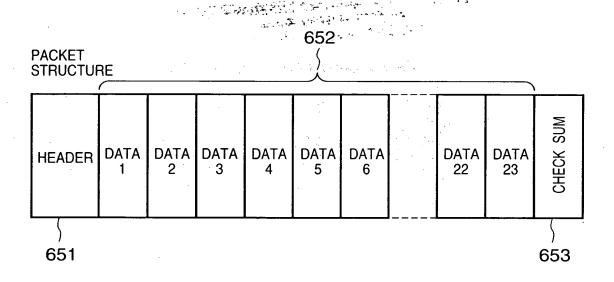


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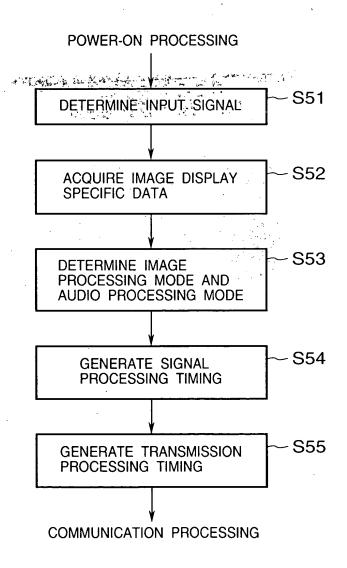


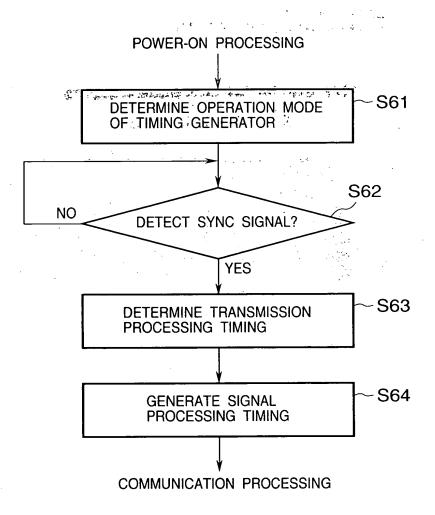
14/49

		4 4 4
_		74 0
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FIG. 14B

•	DISPLAY→TERMINAL	TERMINAL→DISPLAY		
HEADER DATA 1		DATA 1		
2	DISPLAY TYPE 13 195	# # # 2 2	RECEPTION SIGNAL TYPE 1	
3	DISPLAY TYPE 2	3	RECEPTION SIGNAL TYPE 2	
4	DISPLAY TYPE 3	4	RECEPTION SIGNAL TYPE 3	
5	COMMAND 1 (ADJUSTMENT MODE)	5	COMMAND 1 (ADJUSTMENT MODE)	
6	COMMAND 2 (ADJUSTMENT RIGHT)	6	COMMAND 2 (ADJUSTMENT RIGHT)	
7	CONTRAST	7	CONTRAST	
8	COLOR TEMPERATURE 1 (G_LEVEL)	. 8 ريز يو	COLOR TEMPERATURE 1	
9	COLOR TEMPERATURE 2- (B_LEVEL)	9	COLOR TEMPERATURE 2 (B_LEVEL)	
10	COLOR TEMPERATURE 3 (R_LEVEL)	10	COLOR TEMPERATURE 3 (R LEVEL)	
11	BRIGHTNESS	11	BRIGHTNESS	
12	G_Black LEVEL	12	G_Black LEVEL	
13	B_Black LEVEL	13	B_Black LEVEL	
14	R_Black LEVEL	14	R_Black LEVEL	
15	GAMMA / G_GAMMA	15	GAMMA / G_GAMMA	
16	B_GAMMA / R_GAMMA	16	B_GAMMA / R_GAMMA	
17	DISPLAY MODE	17	DISPLAY MODE	
18	HORIZONTAL / VERTICAL DISPLAY SIZE	18	HORIZONTAL / VERTICAL DISPLAY SIZE	
19	HORIZONTAL / VERTICAL DISPLAY POSITION	19	HORIZONTAL / VERTICAL DISPLAY POSITION	
20	VOLUME	20	VOLUME	
21	VOLUME L & R BALANCE	21	VOLUME L & R BALANCE	
22	DISPLAY AUDIO SPECIFICATION	22		
23		23		
	CHECK SUM		CHECK SUM	





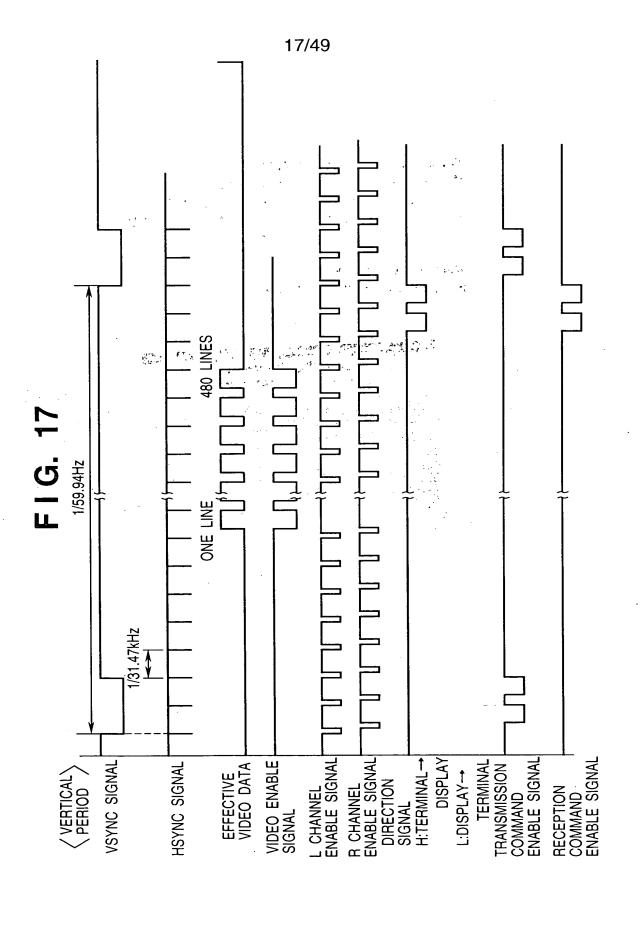
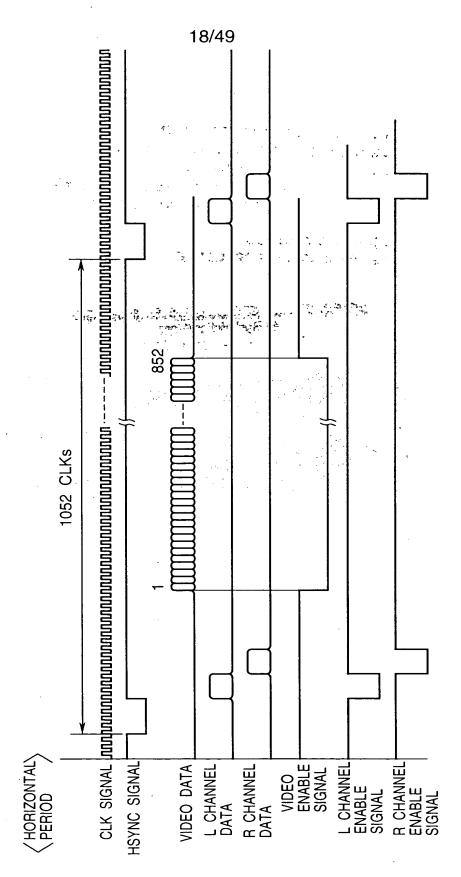
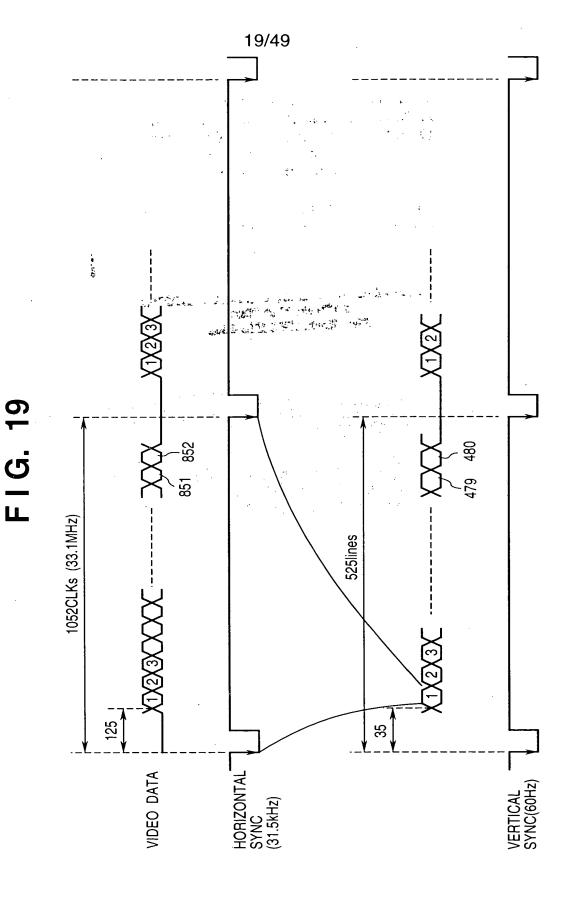


FIG. 18





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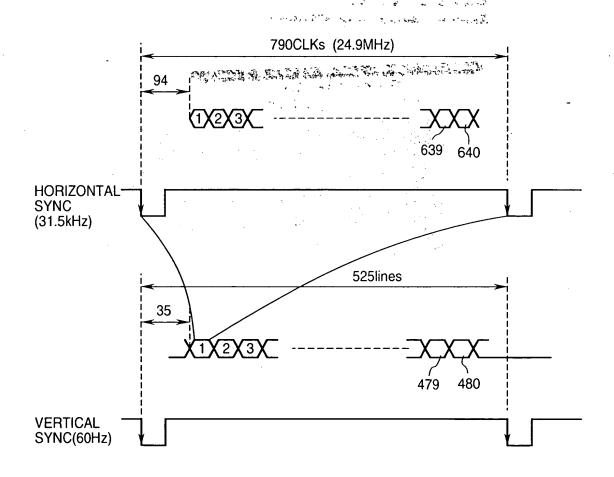
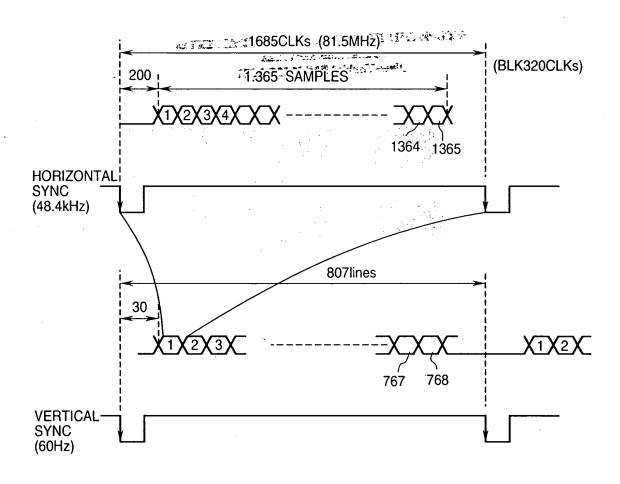
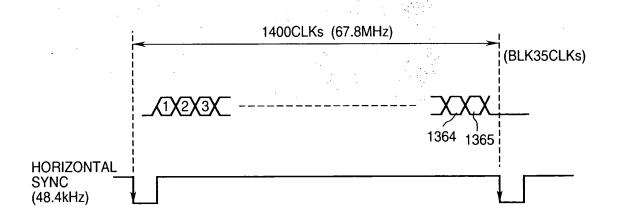


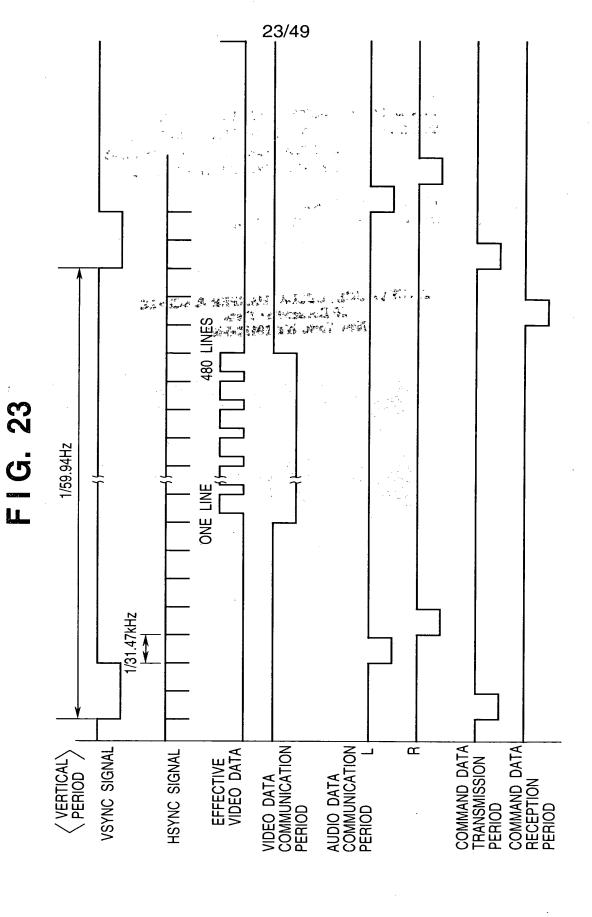
FIG. 21



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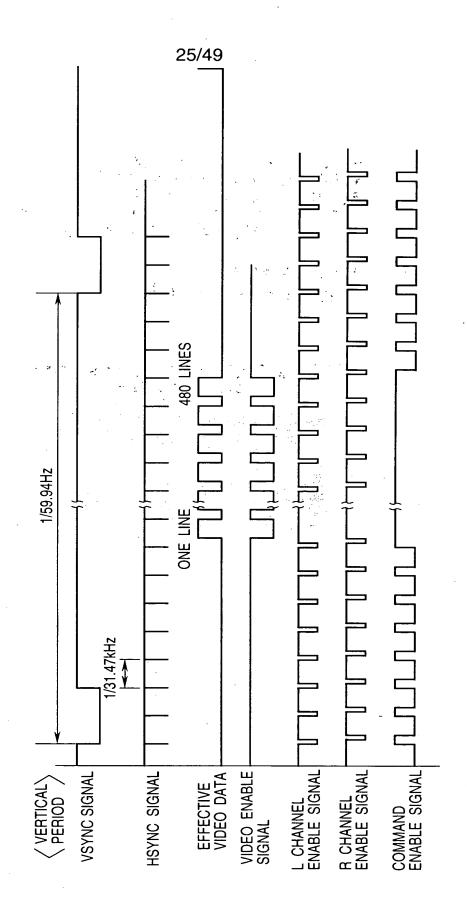
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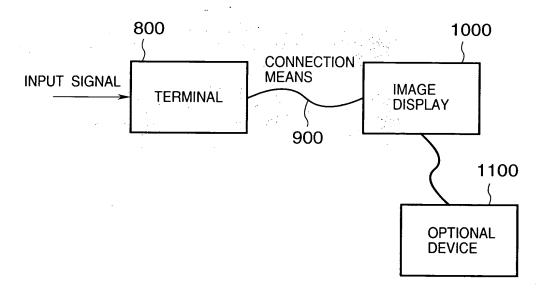


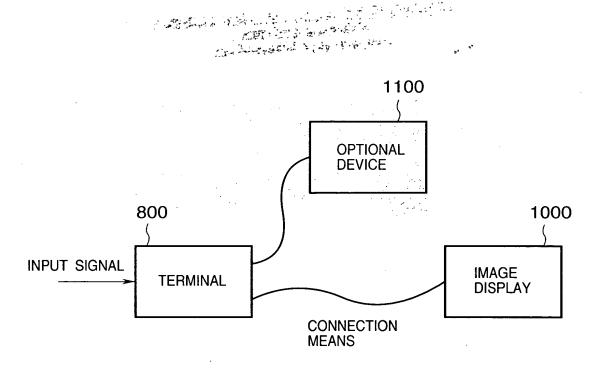


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FIG. 25







28/49 1100 OPTIONAL DEVICE 123 SPEAKER 110 106 PANEL DRIVER ~ 130 DISPLAY PANEL EXTERNAL INPUT/ OUTPUT 122 AUDIO AM: PLIFIER USER 1/F 654 653 ~105 ~652 D/A VIDEO SIGNAL PROCESSOR EXTERNAL TIMING GENERATOR GENERATOR EXTERNAL I/F 104 121~ TIMING 14. (本) (本) IMAGE DISPLAY EXTERNAL MODEM DISPLAY MODEM DISPLAY CPU FIG. 28 651√ 5 103 655 900 203 TERMINAL TERMINAL MODEM A TERMINAL CPU TERMINAL MODEM B 20 \$ 609 √ 602 GENERATOR SIGNAL PROCESSOR TIMING GENERATOR B ۵ ک ⋖ 601 \sim 909 608 607 **SELECTOR** 220 OPTIONAL INPUT Z INPUT I/F EXTERNAL OUTPUT TERMINAL 609 USER I/F 800 230

- 2

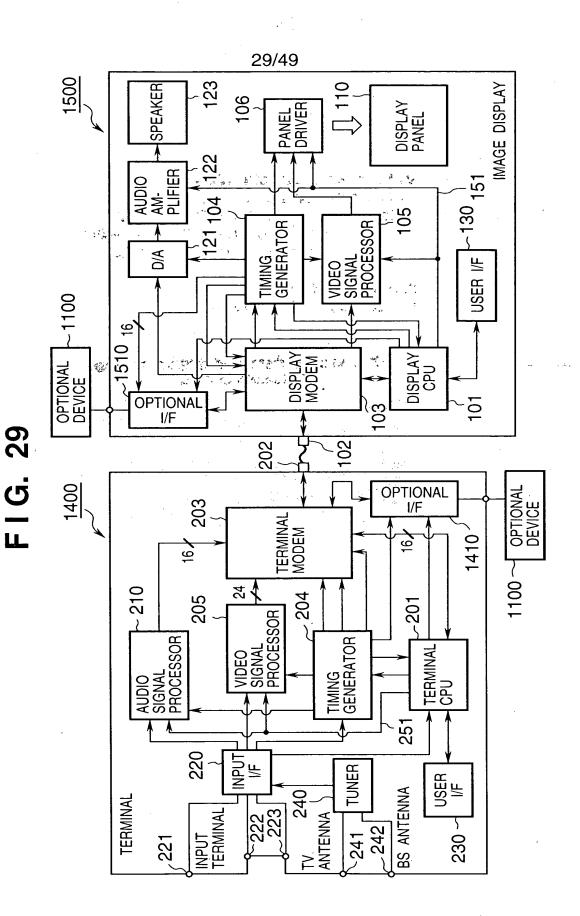
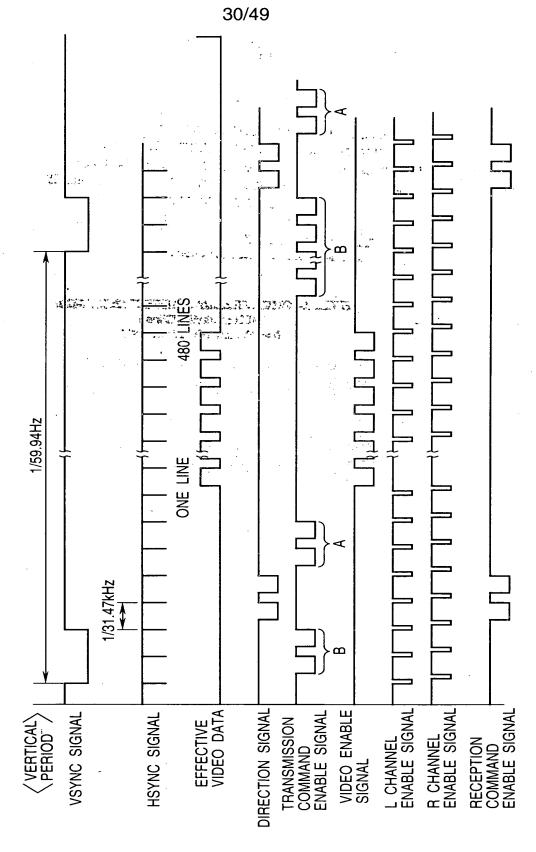


FIG. 30

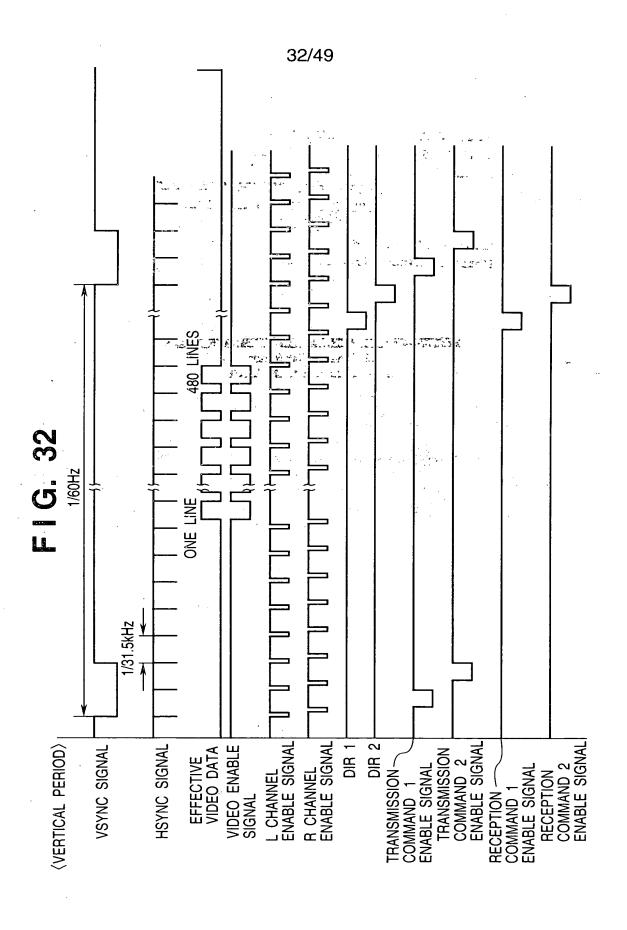


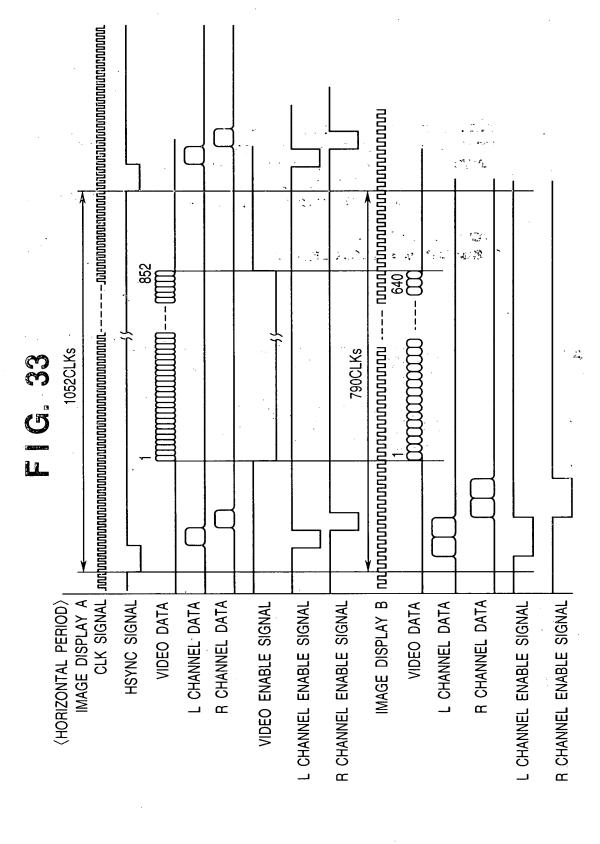
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31/49 123 SPEAKER PANEL DRIVER DISPLAY PANEL 106 122 AUDIO AMPLIFIER 104 IMAGE DISPLAY B 103 VIDEO SIGNAL PROCESSOR GENERATOR Ø M FIMING , USER I 121~ DISPLAY CPU DISPLAY MODEM ⋖ IMAGE DISPLAY 103 1800l 1700 1603 1602 1601 TERMINAL MODEM B TERMINAL MODEM A TERMINAL CPU TIMING GENERATOR A TIMING GENERATOR B SIGNAL PROCESSOR B 1604 ⋖ SIGNAL PROCESSOR A 1607 1606 1605 4 220 240 INPUT I/F USER I/F TUNER INPUT TERMINAL TERMINAL 1600 230

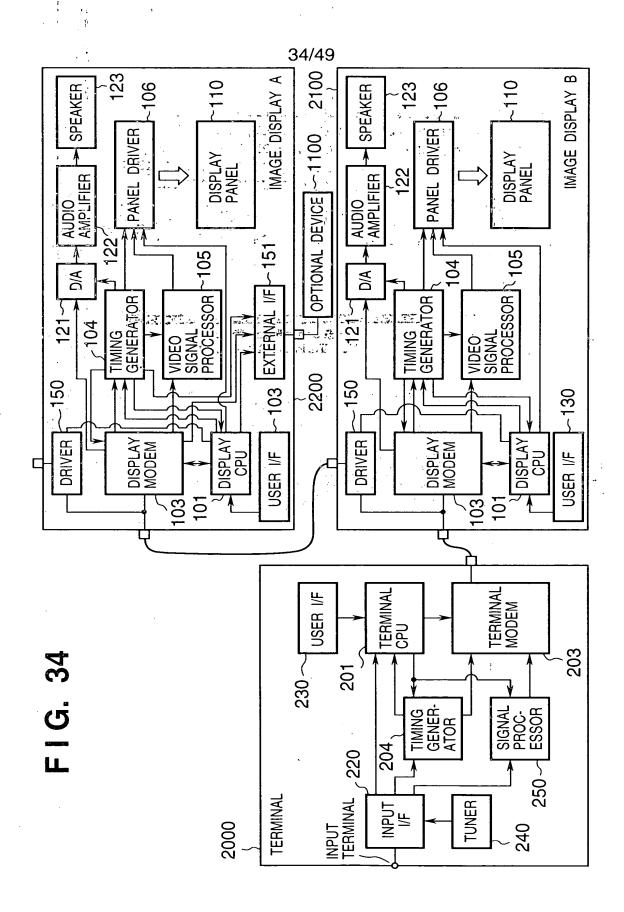
- . 4:4:

T C C

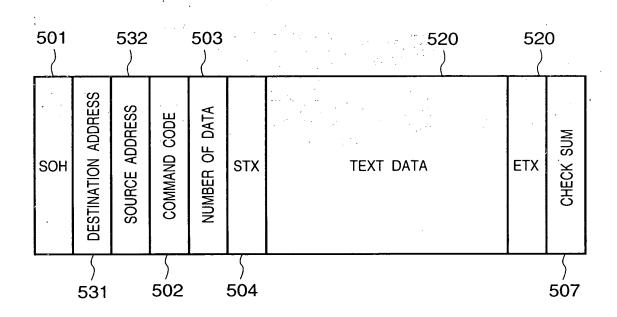




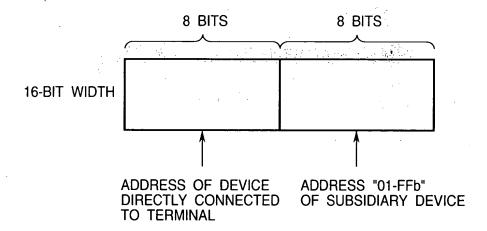
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-- F.I.G. 35



F.I.G., 36

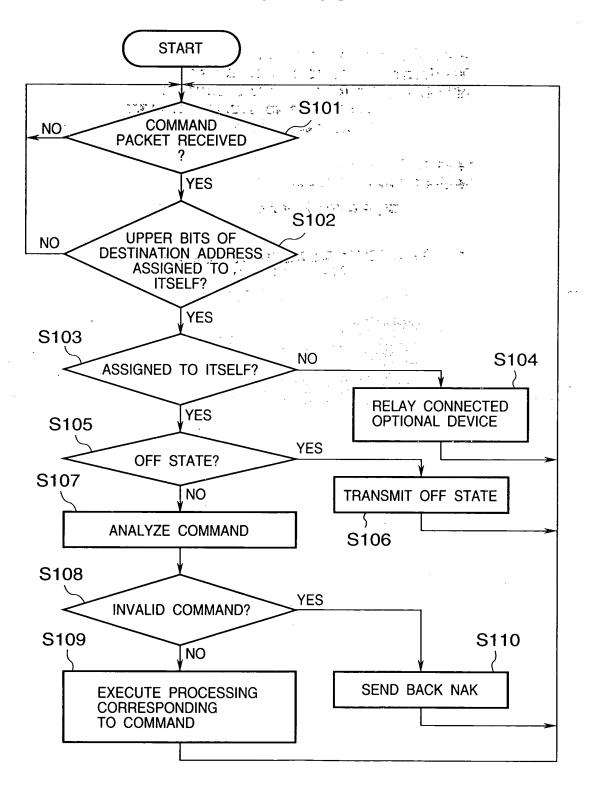


~ 2700 ~ 2650 "0300H" "0101H" DISPLAY B OPTIONAL DEVICE (PRINTER) "0100H" DISPLAY A 2600 "0200H" DISPLAY C PORT 1 2800 PORT 2 COMMUNICATION ADDRESS "00000H" TERMINAL 2500

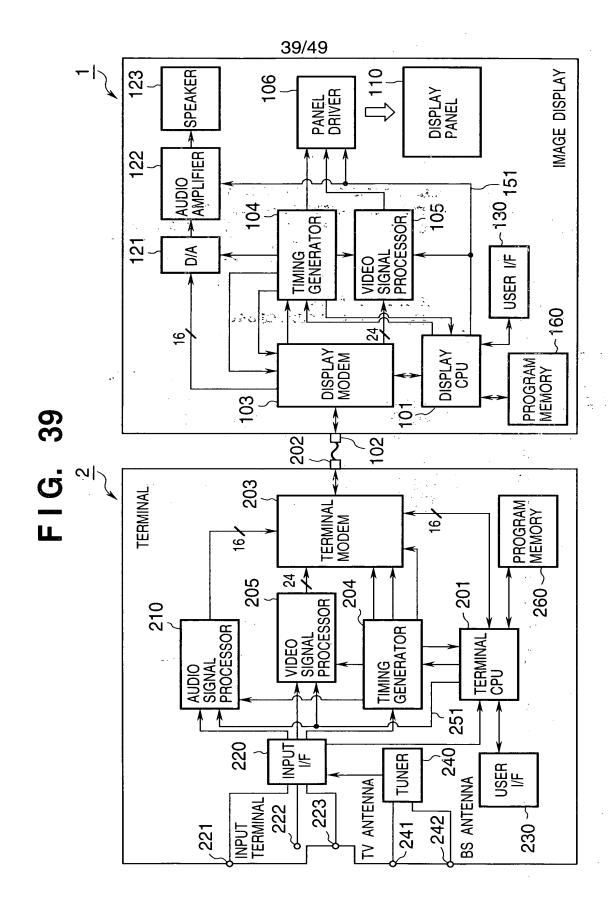
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FIG. 38

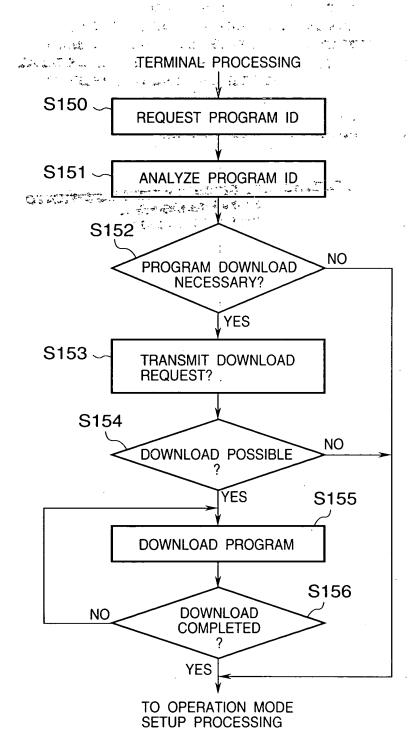


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Service State

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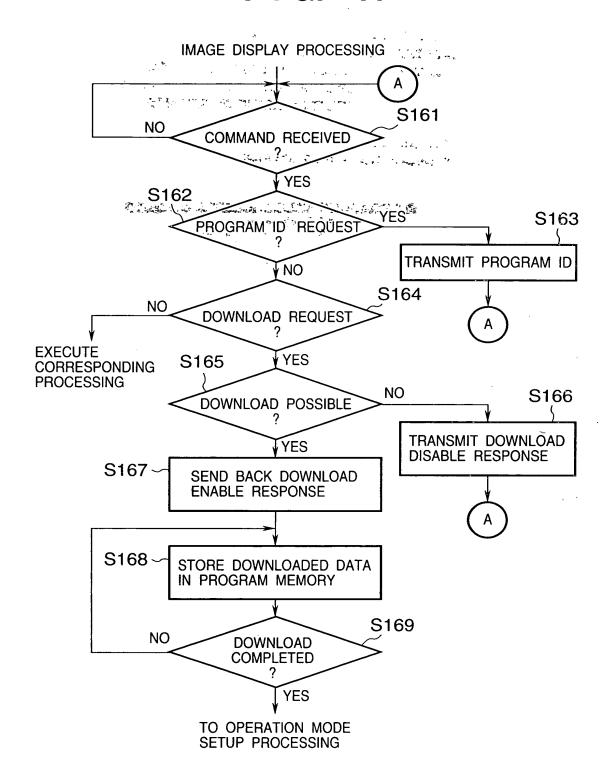
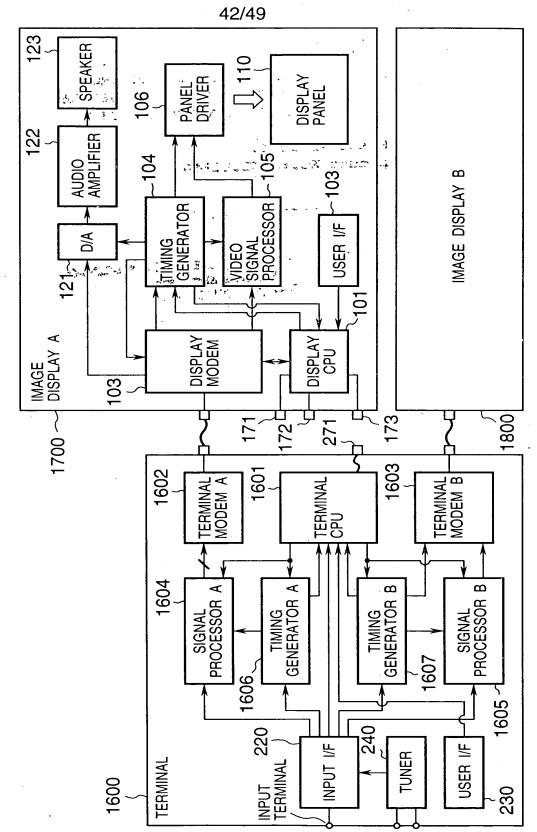
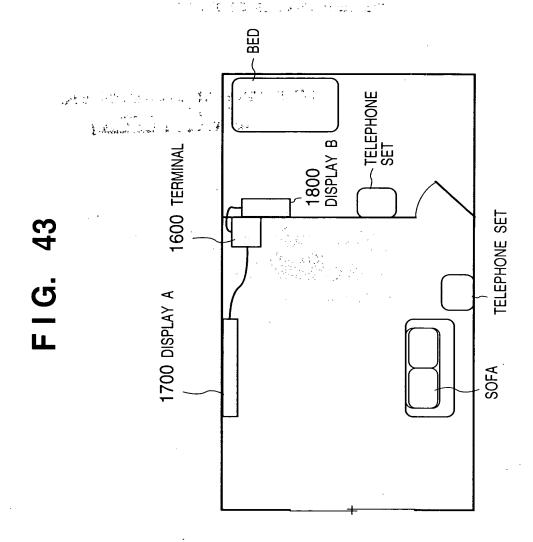
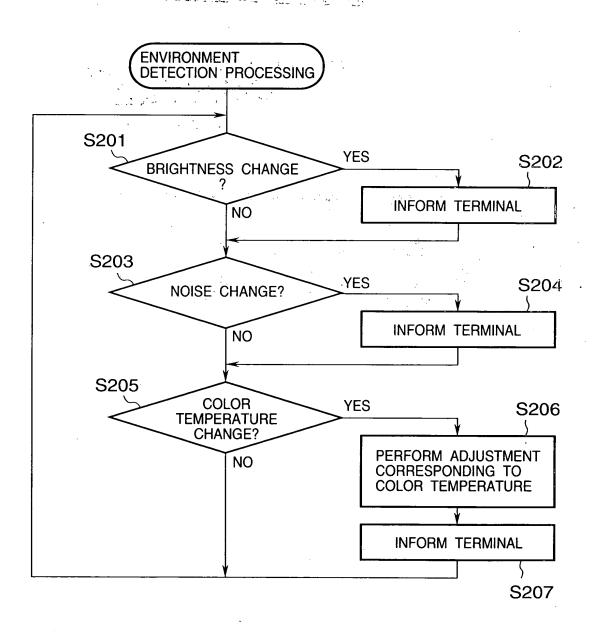
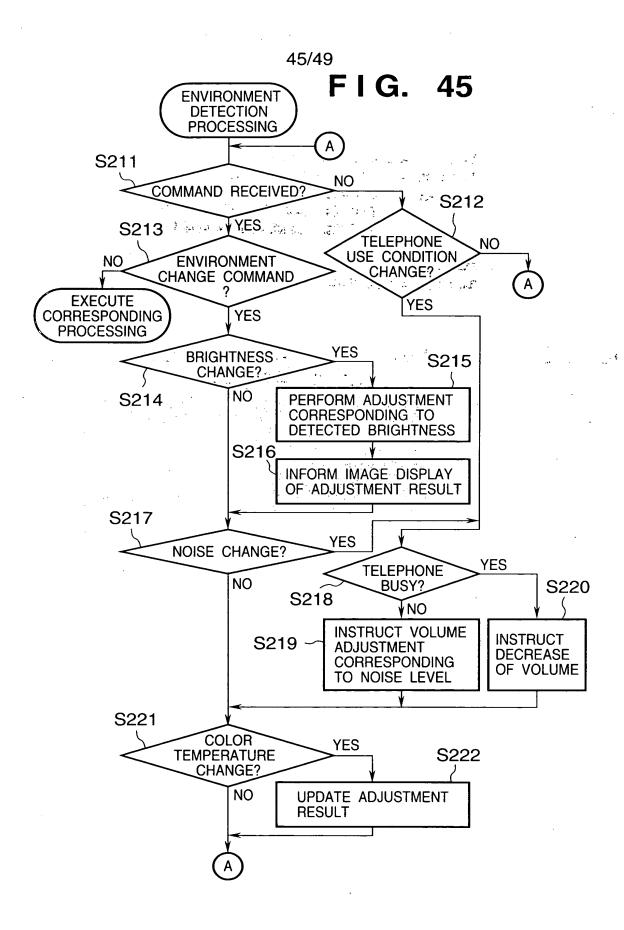


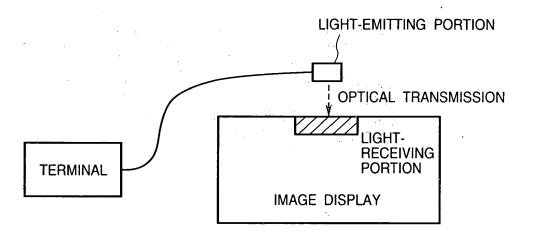
FIG. 42

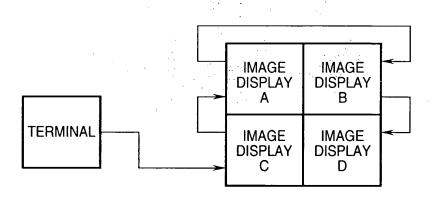


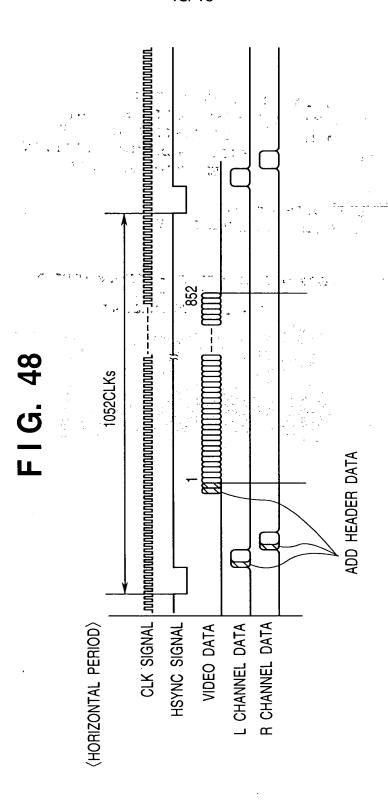












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FIG. 49 PRIOR ART

